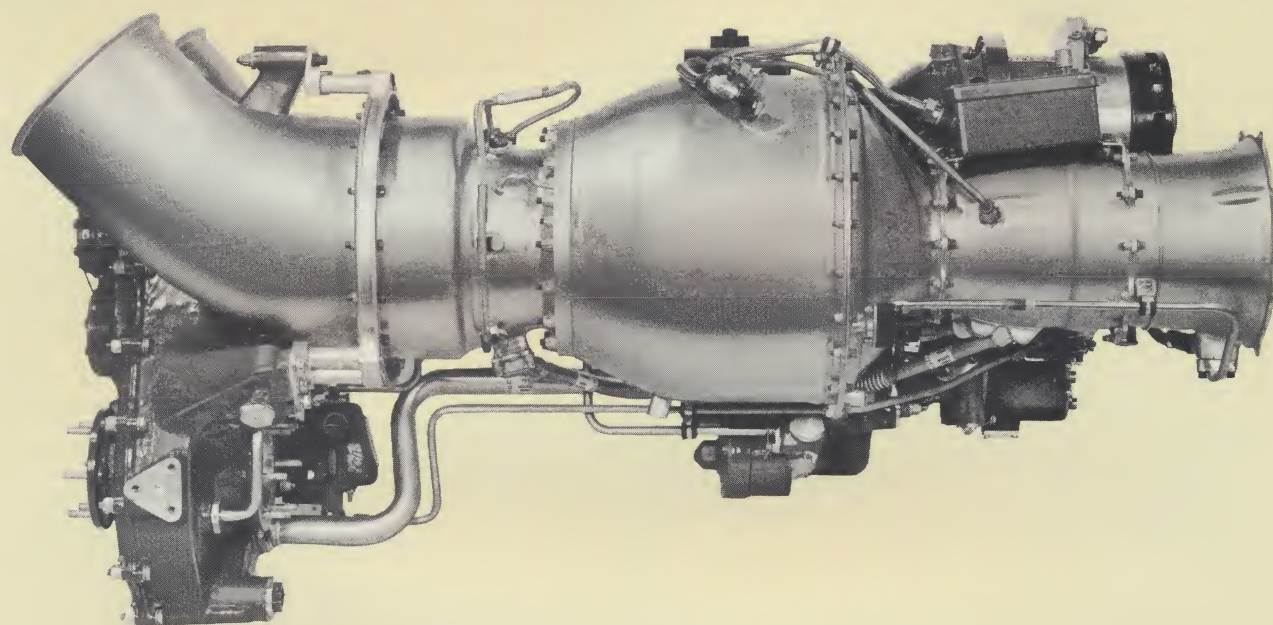




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Continental Model T65-T-1 Turboshaft Engine Specification Sheet



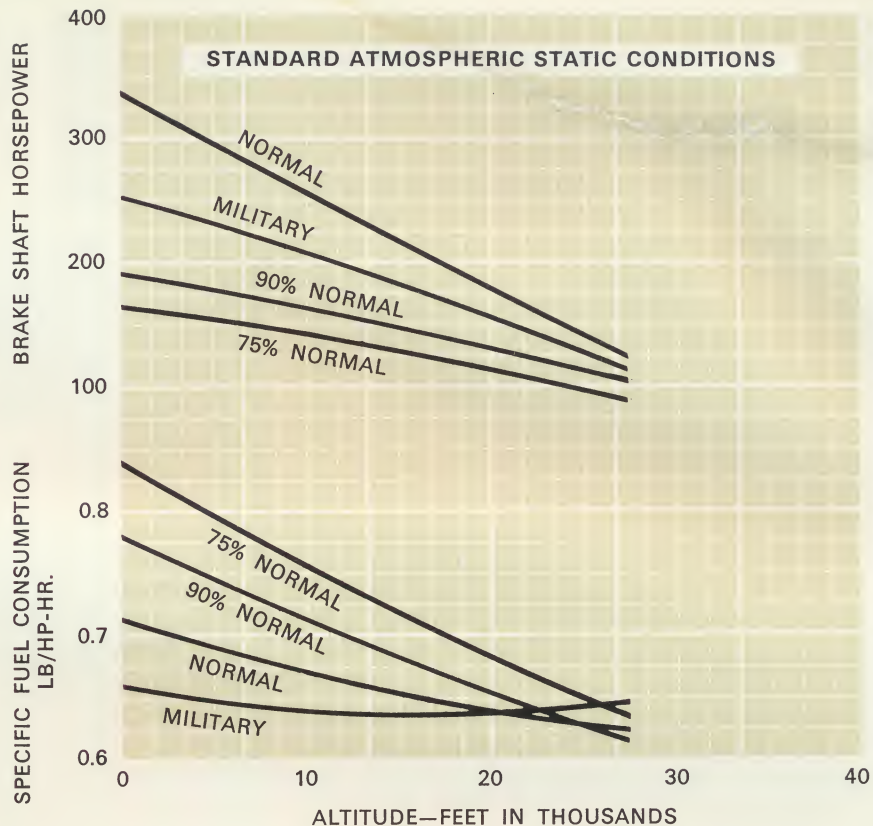
The Continental Model T65-T-1 turboshaft engine is a fully qualified helicopter powerplant. It has completed all military qualification tests and has received FAA Type Certificate No. E6CE.

The T65-T-1 is a free turbine engine. The gas generator section has a single entry ram air inlet, a single-stage transonic axial compressor, a single-stage centrifugal compressor, an annular combustor, and a two-stage axial flow turbine which is directly coupled to the compressor. The free turbine power section has a single-stage axial turbine

directly connected to the output shaft through a reduction gear. Engine weight includes fuel pump and control; lubricating oil pump and filter; ignition coil; leads and plugs; thermocouples and harness; and normal engine lines and fittings.

Growth of the T65 engine from its present rating of 310 shp to 450 shp can be readily accomplished. In addition, two T65 engines can be joined into a combining gearbox with the Continental power sharing system for use in either shaft or turboprop applications.

PERFORMANCE



SPECIFICATIONS

RATINGS

Sea Level (FAA 30 Min. Rating)310 HP
 Military (30 Min.) Flat Rated
 and FAA Continuous250 HP
 SFC (At Sea Level)0.67

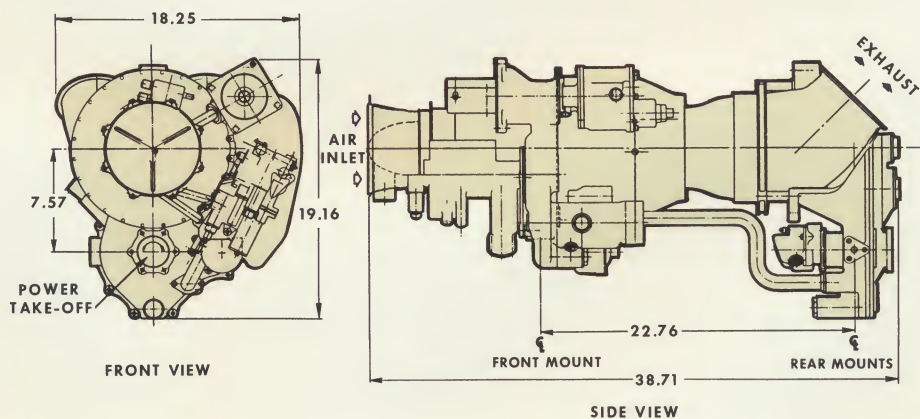
WEIGHT 136 Pounds

Power plant weight includes fuel pumps and controls and torque matching devices; lubricating oil pumps and filters; ignition coils, leads and plugs; thermocouples and harness; and normal engine lines and fittings.

OUTPUT DRIVE SPEED6017 RPM

ACCESSORY DRIVES PROVIDED

-Power Turbine Tachometer
-Gas Generator Tachometer
-Starter-Generator
-Spare Drive Pad



COMPLETE INSTALLATION DRAWINGS AVAILABLE ON REQUEST

CONTINENTAL AVIATION AND ENGINEERING CORP.
 12700 KERCHEVAL AVENUE • DETROIT, MICHIGAN 48215

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